

Converting Colors

Yxy(57.8534, 0.2618, 0.4292)

Have a look what the booklet for
Yxy(57.8534, 0.2618, 0.4292)
contains.

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Color

Yxy(57.8534, 0.2618, 0.4292)

Conversions

Conversions Part 1

Format	Color
Hex	3DE29E
RGB	61, 226, 158
RGB Percent	24%, 89%, 62%
CMY	0.7610, 0.1137, 0.3804
CMYK	0.73, 0.00, 0.30, 0.11
HSL	155°, 74%, 56%
HSV	155°, 73%, 89%
XYZ	35.2890, 57.8534, 41.6512
YIQ	168.9130, -76.5120, -56.1280

Conversions

Conversions Part 2

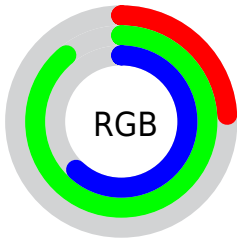
Format	Color
RYB	61, 165, 226
Decimal	4055710
CIELab	80.66, -57.26, 21.47
CIELCh	81, 61.152, 159.449
Yxy	57.8534, 0.2618, 0.4292
Android (android.graphics.Color)	4282245790 (0xFF3DE29E)
YUV	168.9130, -5.3801, -94.6397
Hunter-Lab	76.0614, -50.2918, 20.7758

Details

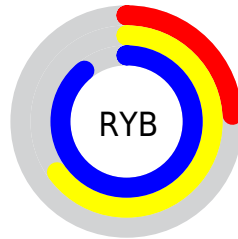
The Yxy color **57.8534, 0.2618, 0.4292** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **21.0851, 0.4570, 0.2605**, and the grayscale version is **39.6790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0699, 0.2667, 0.3795**, and **29.4165, 0.2598, 0.4551** is the 20% darker color. If you saturate the color by 10%, you get **56.9754, 0.2612, 0.4454**, and if you desaturate by 10%, it is **59.0622, 0.2645, 0.4130**.

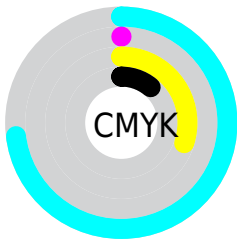
Distribution



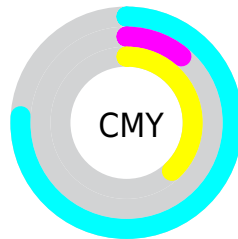
- Red (24%)
- Green (89%)
- Blue (62%)



- Red (24%)
- Yellow (65%)
- Blue (89%)



- Cyan (73%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)





- Cyan (76%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8534, 0.2618, 0.4292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.8534, 0.2618, 0.4292 by changing the saturation by 10% instead.

 57.8534, 0.2618,
0.4292


 57.8534, 0.2618,
0.4292

416.6394, 0.2878,
0.3778

 41.6908, 0.2552,
0.4423


 101.7093, 0.2713,
0.4103


 28.8593, 0.2467,
0.4594


 130.1715, 0.2749,
0.4032

 18.9744, 0.2353,
0.4823


 163.5023, 0.2779,
0.3973

 11.6518, 0.2194,
0.5145

 202.0861, 0.2804,
0.3923

 6.5070, 0.1957,
0.5628

246.3073, 0.2826,
0.3879

 3.1558, 0.1576,
0.6413

296.5503, 0.2846,

 1.2136, 0.0000,

0.3841

1.0000

353.1996, 0.2863,
0.3808

■ 0.0728, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8534, 0.2618,
0.4292

■ 57.8534, 0.2618,
0.4292

■ 56.9754, 0.2612,
0.4454

■ 59.0622, 0.2645,
0.4130


■ 56.3798, 0.2626,
0.4612


■ 60.6291, 0.2690,
0.3973


■ 56.0873, 0.2644,
0.4720


■ 62.5864, 0.2752,
0.3821


■ 64.9606, 0.2827,
0.3680

 67.7759, 0.2911,
0.3548

 71.0546, 0.3003,
0.3428

 74.8175, 0.3098,
0.3320

 79.0840, 0.3195,
0.3224

 82.0562, 0.3226,
0.3135

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.8534, 0.3359, 0.4741



57.8534, 0.2618, 0.4292



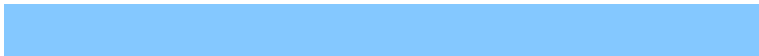
57.8534, 0.2056, 0.3458

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.8534, 0.2618, 0.4292



57.8534, 0.2139, 0.2096



57.8534, 0.4680, 0.3568

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.8534, 0.2618, 0.4292



21.0851, 0.4570, 0.2605

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.8534, 0.4283, 0.3003



57.8534, 0.2618, 0.4292



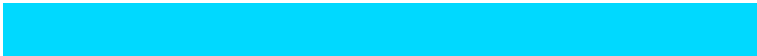
57.8534, 0.2734, 0.2201

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.8534, 0.2618, 0.4292



57.8534, 0.1822, 0.2246



57.8534, 0.3528, 0.2522



57.8534, 0.4580, 0.4144

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.8534, 0.2618, 0.4292



57.8534, 0.1843, 0.2923



57.8534, 0.3528, 0.2522



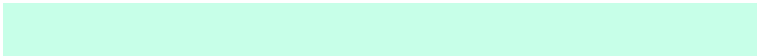
57.8534, 0.4602, 0.3375

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.8557, 0.2618, 0.4292



89.4681, 0.2919, 0.3537



59.4570, 0.3364, 0.5377



18.9177, 0.2895, 0.3572



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8557, 0.2618, 0.4292



74.4330, 0.2617, 0.4543



53.6949, 0.2266, 0.3100



15.4718, 0.3036, 0.3388



32.0194, 0.2638, 0.4696



2.2371, 0.2571, 0.4455

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.0851, 0.4570, 0.2605



23.6508, 0.5040, 0.2631



21.4975, 0.5515, 0.3416



13.7937, 0.3228, 0.3194



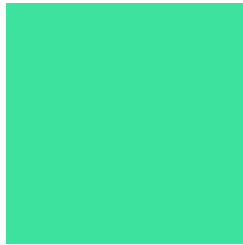
9.6987, 0.5320, 0.2705



0.6898, 0.4919, 0.2484

Previews

White Background



This preview shows how the Yxy color 57.8534, 0.2618, 0.4292 looks on a white background.

Color Contrast Check

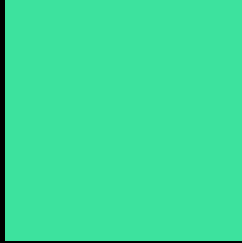
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.8534, 0.2618, 0.4292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8534, 0.2618, 0.4292

Background



This preview shows how black text looks on a background with the Yxy color 57.8534, 0.2618, 0.4292.

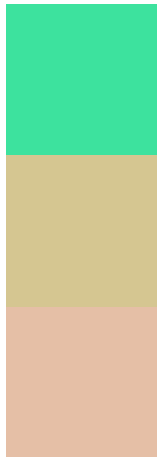


This preview shows how white text looks on a background with the Yxy color 57.8534, 0.2618, 0.4292.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.8534, 0.2618, 0.4292

Protanopia

56.5786, 0.3656, 0.3922

Deuteranopia

56.6728, 0.3649, 0.3576



Tritanopia

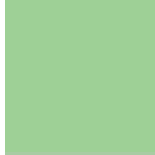
57.4851, 0.2344, 0.3054

Trichromacy



Original Color

57.8534, 0.2618, 0.4292



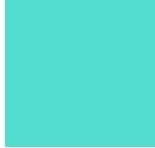
Protanomaly

54.5829, 0.3148, 0.4076



Deuteranomaly

54.1549, 0.3139, 0.3833



Tritanomaly

57.4816, 0.2440, 0.3481

Monochromacy



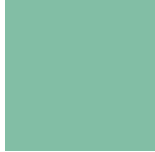
Original Color

57.8534, 0.2618, 0.4292



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

44.2894, 0.2843, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8534, 0.2618, 0.4292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(61, 226, 158)` looks like.

```
.text, #text, p{  
    color:rgb(61, 226, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(61, 226, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 226, 158) }
```

Border

The CSS property to change the border of an element to Yxy 57.8534, 0.2618, 0.4292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 226, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(61, 226, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(61, 226, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 226, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 226, 158);  
box-shadow:4px 4px 4px 4px rgb(61, 226,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8534, 0.2618, 0.4292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 226, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(61, 226,  
158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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